

**BEFORE THE
PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**



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Application of Pacific Gas and Electric Company for Compliance Review of Utility Owned Generation Operations, Electric Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, Diablo Canyon Seismic Studies Balancing Account, and Other Activities for the Period January 1 through December 31, 2017

Application 18-02-_____

(U 39 E)

**APPLICATION OF PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)
FOR COMPLIANCE REVIEW OF UTILITY OWNED GENERATION OPERATIONS,
ELECTRIC ENERGY RESOURCE RECOVERY ACCOUNT ENTRIES,
CONTRACT ADMINISTRATION, ECONOMIC DISPATCH OF ELECTRIC
RESOURCES, UTILITY OWNED GENERATION FUEL PROCUREMENT,
DIABLO CANYON SEISMIC STUDIES BALANCING ACCOUNT, AND OTHER
ACTIVITIES FOR THE PERIOD JANUARY 1 THROUGH DECEMBER 31, 2017**

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Date: February 28, 2018

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DIABLO CANYON SEISMIC STUDIES BALANCING ACCOUNT, AND OTHER
ACTIVITIES FOR THE PERIOD JANUARY 1 THROUGH DECEMBER 31, 2017**

I. INTRODUCTION

Pacific Gas and Electric Company (PG&E) submits this Application for Energy Resource Recovery Account (ERRA) compliance review for the record period January 1 through December 31, 2017, pursuant to California Public Utilities Code Section 454.5(d), Rules 2.1 and 3.2 of the Rules of Practice and Procedure of the California Public Utilities Commission (Commission), and relevant Commission decisions. PG&E respectfully requests that the Commission find that during the record period PG&E has complied with its Commission-approved Bundled Procurement Plan (BPP) in the areas of fuel procurement, administration of power purchase contracts, greenhouse gas compliance instrument procurement, and least-cost dispatch of electric generation resources. PG&E requests that the Commission find that during the record period PG&E has managed its utility-owned generation (UOG) facilities reasonably.

PG&E requests that the Commission find that the record period expenditures in the Diablo Canyon Seismic Studies Balancing Account (DCSSBA) and the Green Tariff Shared Renewables Memorandum Account (GTSRMA) were reasonable, and that the record period entries in the Energy Resource Recovery Account and Green Tariff Shared Renewables Balancing Account (GTSRBA) were consistent with applicable tariffs and Commission directives.

PG&E also requests that the Commission approve the cost recovery proposed in PG&E's Prepared Testimony, which is being provided concurrent with this Application. Specifically, PG&E is seeking recovery of revenue requirements totaling \$4.741 million for Diablo Canyon seismic study costs, reflecting the actual recorded costs presented in the DCSSBA plus interest and an amount for Revenue Fees and Uncollectibles (RF&U). The RF&U amount will be updated to reflect the RF&U factor in effect at the time the Commission approves a decision in this filing.

II. BACKGROUND

In 2002, the California Legislature and the Commission established the regulatory framework for PG&E, Southern California Edison Company (SCE), and San Diego Gas & Electric Company (SDG&E) (collectively, the utilities) to resume electricity procurement, beginning January 1, 2003. Public Utilities Code Section 454.5(d)(2) provided for a procurement plan that would:

Eliminate the need for after-the-fact reasonableness reviews of an electrical corporation's actions in compliance with an approved procurement plan, including resulting electricity procurement contracts, practices, and related expenses. However, the commission may establish a regulatory process to verify and assure that each contract was administered in accordance with the terms of the contract, and contract disputes which may arise are reasonably resolved.

In Decision (D.) 02-10-062, the Commission implemented Section 454.5(d) by establishing ERRA balancing accounts for PG&E and the other utilities, requiring the utilities to track fuel and purchased power revenues against actual recorded costs,¹ and to establish an annual ERRA compliance review for the previous year. Since D.02-10-062 was issued, the Commission has addressed PG&E's ERRA compliance applications in a number of proceedings.²

In D.15-10-031, the Commission approved PG&E's 2014 BPP. The BPP was in effect during the entire 2017 record period and is the basis for PG&E's 2017 compliance activities.

The ERRA regulatory process includes two annual proceedings - the first is an annual ERRA *Compliance* proceeding to review the utility's compliance in the preceding year regarding energy resource contract administration, least-cost dispatch, fuel procurement, and the ERRA balancing account, and the second is an annual ERRA *Forecast* proceeding to adopt a forecast of the utility's electric procurement cost revenue requirement and electricity sales for the coming year. PG&E's last ERRA *Forecast* proceeding, for forecast year 2018, was filed as Application (A.) 17-06-005 and was approved by the Commission in D.18-01-009.

¹ The ERRA records energy costs associated with serving bundled electric customers. These costs include post-2002 contracted resource costs, fuel costs of PG&E-owned generation resources, qualifying facility (QF) and purchased power costs, and other electric procurement costs such as natural gas hedging and collateral costs. The Ongoing Competition Transition Charge (CTC) forecast revenue requirement consists of the above-market costs associated with eligible contract arrangements entered into before December 20, 1995, and QF contract restructuring costs. Ongoing CTC costs are recorded in the Modified Transition Cost Balancing Account (MTCBA).

² See D.05-04-036 (January through May 2003); D.05-07-015 (June through December 2003); D.05-11-007 (2004); D.06-12-009 (2005); D.07-11-027 (2006); D.08-10-002 (2007); D.09-12-002 (2008); D.11-07-039 (2009); D.13-10-041 (2010); D.14-01-011 (2011); D.15-05-006 (addressing least-cost dispatch issues from the 2010 ERRA compliance proceeding); D.15-12-015 (modifying D.15-05-006); D.16-04-006 (2012); D.16-12-045 (2014); D.17-03-021 (2015).

III. STANDARD OF REVIEW AND COMMISSION REQUIREMENTS

The Commission has issued a number of decisions discussing the standards of review for specific aspects of the utilities' ERRA Compliance applications, as well as requirements for additional information that should be included in ERRA Compliance applications. In general, PG&E has the burden of proof in ERRA Compliance proceedings, and satisfies that burden of proof based on a preponderance of the evidence.³ In addition to this general principle regarding the burden of proof, the Commission has also adopted specific standards of review for various aspects of the ERRA Compliance application. Below, PG&E provides an overview of the standards of review for this Application, as well as Commission requirements for additional information and materials to be included in PG&E's ERRA Compliance application, testimony and workpapers.

A. Least-Cost Dispatch

In D.15-05-006, as modified by D.15-12-015, the Commission adopted, with minor modifications, the *Joint Utilities' Proposal for the Demonstration of Least-Cost Dispatch* beginning with the least-cost dispatch showing in this Application.⁴ The Commission also required the utilities to include in their 2015 ERRA Compliance applications information identified in the *Metrics for Demand Response* proposed by the Office of Ratepayer Advocates (ORA).⁵ The Commission consolidated the joint utilities' proposal, with modifications, and ORA's demand response metrics in Attachment A to D.15-12-015. PG&E's showing in this Application is consistent with the Commission's requirements in D.15-05-006 and D.15-12-015.

³ D.16-04-006 at p. 11.

⁴ D.15-05-006, Ordering Paragraph (OP) 1.

⁵ D.15-05-006, OP 3.

In addition, PG&E and ORA entered into a settlement in the 2014 ERRR Compliance proceeding (2014 ERRR Settlement) that included some agreements related to the least-cost dispatch and demand response showings in future ERRR Compliance proceedings.⁶ The Commission approved the 2014 ERRR Settlement in D.16-12-045, and thus PG&E is incorporating the least-cost dispatch and demand response requirements from the 2014 ERRR Settlement into this Application. The least-cost dispatch and demand response showing for the record period is included in Chapter 1 of PG&E's Prepared Testimony and the detailed workpapers associated with Chapter 1.

B. Utility-Owned Generation Operation

With regard to the operation of UOG resources, the Commission has applied a reasonable manager standard.⁷ Under the reasonable manager standard,

utilities are held to a standard of reasonableness based upon the facts that are known or should have been known at the time. The act of the utility should comport with what a reasonable manager of sufficient education, training, experience, and skills using the tools and knowledge at his or her disposal would do when faced with a need to make a decision and act.⁸

The utility has the burden of proof to show that the reasonable manager standard has been met. For purposes of this Application, Chapters 2-4 of the Prepared Testimony and the corresponding workpapers satisfy PG&E's burden of proof that it operated its UOG facilities in compliance with the Commission's reasonable manager standard.

⁶ See *Pacific Gas and Electric Company's and the Office of Ratepayer Advocates' Motion for Approval of Settlement Motion for Approval of Proposed Settlement*, filed September 10, 2015 in A.15-02-023.

⁷ D.11-10-002 at p. 11; D.16-04-006 at pp. 11-12.

⁸ *Id.* at p. 11, n. 2 (quoting D.90-09-088, 37 CPUC 2d 488, 499 (1990)).

C. Contract Administration, Fuel Costs, and Hedging

With regard to contract administration, the Commission reviews whether procurement contracts have been administered prudently and in compliance with the contract provisions.⁹ In Chapter 8 of the Prepared Testimony and the corresponding workpapers, PG&E demonstrates that it prudently administered its contracts.

PG&E also recovers fuel costs associated with its UOG facilities, as well as some third-party contracts, through ERRA. In Chapter 6 of the Prepared Testimony, PG&E describes its fuel costs and demonstrates that it acted as a reasonable manager and consistent with its BPP authority with regard to fuel procurement during the record period. Chapter 6 also describes the electric portfolio hedging activities that occurred during 2017, and demonstrates that these activities were consistent with PG&E's hedging authority under the Commission-approved BPP.

D. The Diablo Canyon Seismic Studies Balancing Account, The Green Tariff Shared Renewables Memorandum Account, The Green Tariff Shared Renewables Balancing Account, And The Renewables Portfolio Standard Cost Memorandum Account

1. The Diablo Canyon Seismic Studies Balancing Account

In D.10-08-003, the Commission granted PG&E's request to comply with the California Energy Commission's recommendation to perform additional seismic studies in and around the Diablo Canyon Nuclear Power Plant (DCPP) as a part of the relicensing process. On September 13, 2012, the Commission approved D.12-09-008 which: (1) authorized PG&E to record and recover its actual costs of implementing DCPP seismic activities;¹⁰ and (2) directed PG&E to recover balances in the DCSSBA, including balances recorded in the Independent Peer

⁹ D.11-07-039 at p. 9; *see also* D.16-04-006 at p. 12 ("prudent" management is the same as the "reasonable" manager standard).

¹⁰ D.12-09-008 at OP 1.

Review Panel subaccount, in PG&E's annual ERRA Compliance proceedings.¹¹ PG&E is required to provide support for the amounts actually incurred and recorded in the DCSSBA, and show that these amounts are consistent with PG&E's request in its seismic studies application (*i.e.*, A.10-01-014) and were reasonably incurred.¹²

In D.14-08-032, the Commission directed that costs associated with PG&E's Long Term Seismic Program (LTSP) be transferred to the DCSSBA and that the LTSP costs be reviewed as part of the ERRA compliance review.¹³ D.17-05-013, the Commission decision authorizing PG&E's 2017-2019 general rate case revenue requirement, adopted a settlement agreement under which PG&E agreed to remove \$4.2 million in LTSP costs from the 2017-2019 revenue requirement and to continue the practice of recording annual seismic studies costs to the DCSSBA.

In Chapter 5 of PG&E's Prepared Testimony and the corresponding workpapers, PG&E provides an accounting of amounts actually incurred and recorded in the DCSBBA for the record period, and demonstrates that the amounts are reasonable. Chapter 13 sets out PG&E's cost recovery request associated with the DCSSBA.

2. The Green Tariff Shared Renewables Memorandum Account

In D.15-01-051, the Commission approved the Green Tariff Shared Renewables (GTSR) Programs for PG&E, SCE, and SDG&E. As part of that, for each utility the Commission established a GTSRMA to cover administrative and marketing costs associated with the utility's GTSR program.¹⁴ The reasonableness of costs recorded in a utility's GTSRMA is subject to

¹¹ *Id.* at OPs 4 and 10.

¹² *Id.*; *see also* D.16-04-006 at p. 12.

¹³ D.14-08-032 at p. 411.

¹⁴ D.15-01-051 at pp. 112-15.

review in the utility's ERRA compliance proceedings.¹⁵ Chapter 10 of the Prepared Testimony describes the amounts incurred and recorded in PG&E's GTSRMA during the record period, and that they were reasonably incurred.

3. The Green Tariff Shared Renewables Balancing Account

In D.15-01-051, the Commission also established the GTSRBA.¹⁶ Chapter 10 also describes the amounts incurred and recorded in the GTSRBA during the record period, demonstrating that they were in compliance with applicable tariffs and Commission directives.

4. The Renewables Portfolio Standard Cost Memorandum Account

In D.06-10-050, the Commission established the RPSCMA to track the third-party consultant costs incurred by the Commission and paid by PG&E in connection with the Commission's implementation and administration of the Renewables Portfolio Standard (RPS).¹⁷ PG&E pays its share of the invoices, after they are approved by the Commission, and records the amounts in the RPSCMA. Chapter 11 includes a description of the RPSCMA. In 2017, the PG&E did not receive any invoices for payment of consulting services associated with this account.

E. Additional ERRA Application Requirements

In recent years, a number of Commission decisions and/or settlements in earlier ERRA Compliance proceedings have required specific items to be included in ERRA Compliance applications. In addition to the items described above, PG&E is providing in its Prepared Testimony and/or workpapers information consistent with Commission directives and/or earlier settlements. The following table summarizes additional ERRA Application requirements

¹⁵ D.15-01-051 at p. 113.

¹⁶ D.15-01-051, at Finding of Fact 145.

¹⁷ D.06-10-050, at OP 8.

adopted by the Commission in decisions or when it approved settlements, including the subject area, a brief description, source of the requirement, and the location in PG&E’s testimony or workpapers. The requirements are organized chronologically to reflect when they were adopted by the Commission:

Subject Area	Description	Source of Requirement	Location in Prepared Testimony or Workpapers
Generation Fuel Costs	Fuelco information	D.05-09-006, Attachment A (Settlement Agreement, ¶ 4)	Chapter 6
Hedging	Include a “high level discussion of [PG&E’s] internal procedures and controls for ensuring compliance with Commission-approved hedging plans.”	D.11-07-039, OP 3	Chapter 6
STARs Alliance Costs	STARs Alliance activities and operating costs	D.12-05-010, OP 3	Chapter 6 and associated workpapers
Diablo Canyon Seismic Studies	Recover balances in the DCSSBA (<i>i.e.</i> , the Diablo Canyon Seismic Studies Balancing Account), including balances recorded in the Independent Peer Review Panel subaccount	D.12-09-008, Ops 4 and 10	Chapter 5 and associated workpapers
Audit Plan	Provision of a draft audit plan to ORA in November and meetings to review the draft audit plan	D.14-01-011, Attachment A, §2.4.1 (2011 ERRA Settlement)	Provided to ORA on November 30, 2016
Least Cost Dispatch	Review and document material changes to LCD business processes	D.14-01-011, Attachment A, §2.4.2 (2011 ERRA Settlement)	Chapter 1 and associated workpapers
Least Cost Dispatch	Document review and justify changes to LCD models	D.14-01-011, Attachment A, §2.4.2 (2011 ERRA Settlement)	Chapter 1 and associated workpapers

Subject Area	Description	Source of Requirement	Location in Prepared Testimony or Workpapers
ERRA Balancing Account	Audit of ERRA balancing account	D.14-01-011, Attachment A, §2.4.3 (2011 ERRA Settlement)	Chapter 11 ¹⁸
UOG Outages	PG&E will address UOG outages and associated fuel costs, if applicable, in future ERRA Compliance proceedings	D.14-01-011, Attachment A, §2.4.4 (2011 ERRA Settlement)	Chapters 2-4, 6 and associated workpapers
Long-Term Seismic Program Costs	Include LTSP costs in DCSSBA for review in ERRA compliance proceeding	D.14-08-032 at p. 411	Chapter 5 and associated workpapers
Least Cost Dispatch	Include LCD showing and metrics for economically triggered demand response programs	D.15-05-006 and D.15-12-015	Chapter 1 and associated workpapers
Green Tariff Shared Renewables	Review GTSR Program administration and marketing costs for the record period	D.15-01-051 at p. 113	Chapter 10 and associated workpapers
Green Tariff Shared Renewables	Review GTSR balancing account entries, including true-up of costs and revenues	D.15-01-051, Conclusion of Law 59	Chapter 10
Least Cost Dispatch	Specified Demand Response Program Metrics included in least cost dispatch chapter	D.16-12-045, Settlement § 2.1 (2014 ERRA Settlement)	Chapter 1
Least Cost Dispatch	Independent review by outside party of PG&E's process for short term load and price forecasts (review to be on a one-time basis, not annual)	D.16-12-045, Settlement § 2.2 (2014 ERRA Settlement)	Chapter 1
Least Cost Dispatch	Evaluation of price forecast accuracy for all days of record period	D.16-12-045, Settlement § 2.3 (2014 ERRA Settlement)	Chapter 1 and associated workpapers

¹⁸ The ERRA balancing account audit is only required every four (4) years. Since the last audit was performed for the 2013 record period, an audit is required for the 2017 record period.

Subject Area	Description	Source of Requirement	Location in Prepared Testimony or Workpapers
Least Cost Dispatch	Description of decision-making process re use of proxy or registered costs for resources	D.16-12-045, Settlement § 2.4	Chapter 1
Least Cost Dispatch	Information regarding resources that did not have bids submitted	D.16-12-045, Settlement § 2.5	Chapter 1 (non-specific, non-confidential); Workpapers (specific, confidential)
Least Cost Dispatch	Independent review by outside party of PG&E's hydro dispatch model (review to be on a one-time basis, not annual)	D.16-12-045, Settlement § 2.6 (2014 ERRA Settlement)	Chapter 1
Least Cost Dispatch	PG&E and ORA to work informally to address hydro-self-scheduling documentation and information concerning dispatchable renewable resources to be included in future ERRA Compliance applications	D.16-12-045, Settlement §§ 2.7-2.8 (2014 ERRA Settlement)	Chapter 1
Demand Response	Definition of "operational constraints" as a reason not to dispatch when DR program economic triggers are met	D.16-12-045, Settlement § 3.2 (2014 ERRA Settlement)	Chapter 1
Demand Response	General set of guidelines for situations in which "customer fatigue" may occur in connection with DR programs	D.16-12-045, Settlement § 3.2 (2014 ERRA Settlement)	Chapter 1
Demand Response	Definition of "opportunity cost" as a reason not to dispatch DR programs when economic triggers are met	D.16-12-045, Settlement § 3.6 (2014 ERRA Settlement)	Chapter 1
Demand Response	Develop quantitative opportunity cost measure as a metric	D.16-12-045, Settlement §§ 3.8-3.9 (2014 ERRA Settlement)	Chapter 1
Maximum Disallowance	Standard of Conduct 4 maximum disallowance amount and associated	D.16-12-045, Settlement § 5.3	Chapter 12

Subject Area	Description	Source of Requirement	Location in Prepared Testimony or Workpapers
Amount	workpapers	(2014 ERRR Settlement)	
Incentive for Distributed Energy Resources	Review and recovery of incentive payments for certain distributed energy resources	D.16-12-036, OP 22	Not applicable to this ERRR Compliance application
ERRR: GHG Accounting	Agreed-upon verification method for PG&E's GHG and WAC	D.17-03-021, OP 3	Chapter 11

IV. OVERVIEW OF PREPARED TESTIMONY

PG&E's Prepared Testimony in support of this Application, which is being served to ORA concurrent with the Application, consists of one exhibit, which is identified as Exhibit PG&E-1, which is the public version of PG&E's Prepared Testimony, and Exhibit PG&E-1C, which is the confidential version of PG&E's Prepared Testimony. Exhibit PG&E-1 is organized into fourteen chapters, and an appendix, as follows:

Chapter 1	Least Cost Dispatch and Economically Triggered Demand Response
Chapter 2	Utility-Owned Generation: Hydroelectric
Chapter 3	Utility-Owned Generation: Fossil and Other Generation
Chapter 4	Utility-Owned Generation: Nuclear
Chapter 5	Costs Incurred And Recorded In The Diablo Canyon Seismic Studies Balancing Account
Chapter 6	Generation Fuel Costs And Electric Portfolio Hedging
Chapter 7	Greenhouse Gas Compliance Instrument Procurement
Chapter 8	Contract Administration
Chapter 9	CAISO Settlements and Monitoring
Chapter 10	Costs Incurred And Recorded in the Green Tariff Shared Renewables Memorandum Account And The Green Tariff Shared Renewables Balancing Account
Chapter 11	Summary of ERRR Entries for the Record Period

Chapter 12 Maximum Potential Disallowance for Violating Standard of Conduct 4

Chapter 13 Cost Recovery and Revenue Requirements

Appendix A Statements of Qualifications

This testimony, and the corresponding workpapers, demonstrate that during the record period January 1 through December 31, 2017, PG&E complied with its BPP in the areas of fuel procurement for utility retained generation, administration of power purchase contracts, greenhouse gas compliance instrument procurement, and least cost dispatch of electric generation resources. In addition, the testimony demonstrates that PG&E satisfied the reasonable manager standard for the operation of its UOG facilities,

The testimony demonstrates that PG&E made appropriate entries to its ERRA, DCSSBA, and GTSRMA. It also demonstrates that the cost recovery proposal in Chapter 13 is just and reasonable and should be adopted.

PG&E will provide a public (redacted) version of its Prepared Testimony to parties who request a copy and will also provide a confidential (unredacted) version to parties who request a copy and execute a Non-Disclosure Agreement.

V. INFORMATION REQUIRED BY THE COMMISSION'S RULES OF PRACTICE AND PROCEDURE STATUTORY AND OTHER AUTHORITY (RULE 2.1)

PG&E files this Application pursuant to Sections 451, 454, 454.5, and 701 of the Public Utilities Code of the State of California, the Commission's Rules of Practice and Procedure, and prior decisions, orders and resolutions of the Commission, including, but not limited to, D.02-10-062, D.02-12-074, D.03-06-067, D.07-12-052, D.08-11-008, D.12-01-033, D.12-04-046, D.14-08-032, D.15-01-051, D.15-05-006, D.15-10-031, D.15-12-015, and Commission Resolutions concerning approval of or modifications to PG&E's 2014 BPP.

A. Legal Name and Principal Place of Business (Rule 2.1(a))

The legal name of the Applicant is Pacific Gas and Electric Company. PG&E's principal place of business is 77 Beale Street, San Francisco, California, 94105.

B. Correspondence, Communications, and Service (Rule 2.1(b))

All correspondence, communications, and service of papers regarding this Application should be directed to:

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C. Proposed Categorization (Rule 2.1(c))

PG&E proposes that this Application be categorized as a ratesetting proceeding.

D. Need for Hearings (Rule 2.1(c))

PG&E anticipates that evidentiary hearings may be requested by other parties to this proceeding, but the need for evidentiary hearings will depend on the degree to which and grounds on which other parties might contest the proposals contained in this Application. While PG&E hopes to resolve the issues raised in this Application without hearings, such as through more informal procedures including discovery, evidentiary hearings may be necessary.

E. Issues to Be Considered (Rule 2.1(c))

PG&E proposes that the following issues be considered in this proceeding for the 2017 record period:

1. Did PG&E administer and manage its UOG facilities prudently;
2. Did PG&E prudently manage UOG outages and associated fuel costs;

3. Did PG&E prudently administer and manage its QF and non-QF contracts in accordance with the contracts' provisions;
4. Did PG&E achieve least-cost dispatch of its energy resources;
5. Were PG&E's entries in the ERRA for 2017 reasonable;
6. Were the costs incurred and recorded in the DCSSBA in 2017 reasonable and did PG&E meet its burden of proof regarding its claim for cost recovery;
7. Were the costs incurred and recorded in the GTSRMA in 2017 reasonable;
8. Were the costs incurred and recorded in the GTSRBA in 2017 in compliance with applicable tariffs and Commission directives;
9. Did PG&E's Greenhouse Gas Compliance Instrument Procurement comply with the 2014 BPP; and
10. Should PG&E's request to recover \$4.741 million, as updated to reflect the Revenue Fees and Uncollectibles factor in effect at the time of the decision, be approved?

F. Relevant Safety Considerations (Rule 2.1(c))

In D.16-01-017, the Commission amended Rule 2.1(c) requiring an applicant to identify all relevant safety considerations implicated by an Application to which the assigned Commissioners and presiding officer could refer to during the proceeding. In order to ensure that safety considerations have received full consideration by parties and the Commission, PG&E's Prepared Testimony includes specific discussions which detail PG&E's efforts to promote public safety: Chapters 2 and 3 discusses PG&E's commitment to safety at PG&E-owned generation facilities and Chapter 8 discusses PG&E's protocols and practices related to the administration of third-party power contracts. In addition, as the Commission explained in D.14-12-053, the "[s]afe and reliable provision of utilities at predictable rates promotes public safety."¹⁹ Chapters 5-7, 9-11, and 13 of PG&E's Prepared Testimony demonstrate that the costs

¹⁹ D.14-12-053 at pp. 12-13.

incurred by PG&E during the record period were reasonable, that the entries to the ERRA balancing account were appropriate, and that the seismic studies and GTSR Program administration costs incurred by PG&E are reasonable and result in predictable rates for customers.

G. Procedural Schedule (Rule 2.1(c))

PG&E proposes the following procedural schedule for this 2017 ERRA Compliance proceeding on a preliminary basis. After filing, PG&E will consult with the Office of Ratepayer Advocates and any other intervening parties to determine whether a mutually acceptable schedule can be developed:

February 28, 2018	PG&E files Application
	Notice of PG&E's Application appears in Daily Calendar
30 days after Daily Calendar Notice	Protests and Responses filed and served
10 days after Protests and Responses filed	Reply filed and served
May 11, 2018	Prehearing conference
June 15, 2018	ORA Report served and testimony from other intervenors (if any) served
July 20, 2018	PG&E's Rebuttal testimony served
September 5-6, 2018	Evidentiary Hearings (if needed)
October 5, 2018	Concurrent Opening briefs filed
October 26, 2018	Concurrent Reply briefs filed
January 2019	Proposed Decision issued
February 2019	Final Decision

H. Articles of Incorporation (Rule 2.2)

PG&E is, and since October 10, 1905 has been, an operating public utility corporation organized under California law. It is engaged principally in the business of furnishing electric and gas services in California. A certified copy of PG&E's Restated Articles of Incorporation,

effective April 12, 2004, was filed with the Commission on May 3, 2004 with PG&E's Application 04-05-005. These articles are incorporated herein by reference pursuant to Rule 2.2 of the Commission's Rules.

I. Authority to Increase Rates (Rule 3.2)

This application requests an increase in electric rates and is not a general rate increase application, so Rule 3.2 applies except for subsections (4), (6), (7), (8), and (9) of Rule 3.2(a).

J. Balance Sheet and Income Statement (Rule 3.2(a)(1))

PG&E's Balance Sheet and Income Statements for the period ending December 31, 2017 are attached as Exhibit A of this Application.

K. Statement of Presently Effective Rates (Rule 3.2(a)(2))

PG&E's presently effective electric rates are attached as Exhibit B to this Application.

L. Statement of Proposed Increases or Changes In Rates (Rule 3.2(a)(3))

Approval of this Application would increase electric rates for bundled service customers (those who receive electric generation as well as transmission and distribution service from PG&E) and for customers who purchase electricity from other suppliers (direct access and community choice aggregation) by less than one percent, therefore a statement setting forth PG&E's proposed increases or changes in electric rates is not required.

M. Summary of Earnings (Rule 3.2(a)(5) and (6))

The revenues, expenses, rate bases and rate of return for PG&E's Electric Department for the recorded year of 2016 are included in PG&E's Exhibit D, submitted in support of Application 17-09-006, and are incorporated herein by reference.

N. Type of Rate Change Requested (Rule 3.2(a)(3) and (10))

Results of Operations at proposed rates are not required since the proposed changes in revenues do not exceed one percent. This Application would result in a slight increase to system

average bundled customer electric rates. The electric revenue requested increase over current electric revenue would result in a 0.1 percent increase in monthly electric bills for a typical residential non-CARE customer using 500 kilowatts per month, from \$111.33 to \$111.41. Individual customers' bills may differ. This Application would minimally impact direct access and community choice aggregation customers.

O. Notice to Governmental Entities (Rule 3.2 (b))

Within twenty (20) days of filing this Application, PG&E will mail or send electronically a notice stating in general terms the proposed revenues, rate changes and ratemaking mechanisms requested in this Application to parties listed in Exhibit C of this Application, including the State of California and cities and counties served by PG&E.

P. Publication (Rule 3.2(c))

Within twenty (20) days of filing this Application, PG&E will publish in newspapers of general circulation in each county in its service territory a notice of filing.

Q. Notice to Customers (Rule 3.2(d))

Within 45 days of filing this Application, PG&E will include notices with the regular bills mailed to all customers affected by the proposed changes, and within twenty days of completion of mailing PG&E will file proof of compliance with Rule 3.2(e).

PG&E has served this Application on the official service lists for A.17-02-005 (2016 ERRR Compliance), A.11-11-019 (STARS Alliance exemption to affiliate transaction rules), A.10-01-014 (Diablo Canyon Seismic Studies), and A.12-01-008, *et al* (GTSR program application).

VI. CONCLUSION

WHEREFORE, PG&E respectfully requests that the Commission issue a decision in this proceeding that makes the following findings for the 2017 record period:

1. PG&E administered and managed its UOG facilities prudently;
2. PG&E prudently managed UOG outages and associated fuel costs;
3. PG&E prudently administered and managed its QF and non-QF contracts in accordance with the contracts' provisions;
4. PG&E achieved least-cost dispatch of its energy resources;
5. The entries in the ERRA for 2017 were reasonable;
6. The costs incurred and recorded in the DCSSBA in 2017 were reasonable and that PG&E has met its burden of proof regarding its claim for cost recovery;
7. The costs incurred and recorded in the GTSRMA in 2017 were reasonable;
8. The costs incurred and recorded in the GTSRBA in 2017 were in compliance with applicable tariffs and Commission directives;
9. PG&E's Greenhouse Gas Compliance Instrument Procurement complied with the 2014 BPP;
10. PG&E's request to recover \$4.741 million, as updated to reflect the Revenue Fees and Uncollectibles factor in effect at the time of the decision, should be approved; and

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11. Any other remedy or relief the Commission deems appropriate.

Respectfully submitted,

ROBERT S. KENNEY

By: /s/ Robert S. Kenney
ROBERT S. KENNEY
Vice President, Regulatory Affairs

MARK R. HUFFMAN

By: /s/ Mark R. Huffman
MARK R. HUFFMAN

Pacific Gas and Electric Company
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San Francisco, CA 94105
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Facsimile: (415) 973-5520
E-mail: Mark.Huffman@pge.com

Attorney for
PACIFIC GAS AND ELECTRIC COMPANY

Dated: February 28, 2018

VERIFICATION

I, the undersigned, say:

I am an officer of Pacific Gas and Electric Company, a corporation, and am authorized, pursuant to Rule 2.1 and Rule 1.11 of the Rules of Practice and Procedure of the CPUC, to make this Verification for and on behalf of said Corporation, and I make this Verification for that reason. I have read the foregoing Application and I am informed and believe that the matters therein concerning Pacific Gas and Electric Company are true.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct to the best of my knowledge.

Executed on February 28, 2018, at San Francisco, California.

By: /s/ Robert S. Kenney

ROBERT S. KENNEY
Vice President, Regulatory Affairs

EXHIBIT A

Pacific Gas and Electric Company
CONSOLIDATED STATEMENTS OF INCOME
(in millions)

	Year ended December 31,		
	2017	2016	2015
Operating Revenues			
Electric	\$ 13,127	\$ 13,865	\$ 13,657
Natural gas	4,011	3,802	3,176
Total operating revenues	17,138	17,667	16,833
Operating Expenses			
Cost of electricity	4,309	4,765	5,099
Cost of natural gas	746	615	663
Operating and maintenance	6,329	7,352	6,949
Depreciation, amortization, and decommissioning	2,854	2,754	2,611
Total operating expenses	14,238	15,486	15,322
Operating Income	2,900	2,181	1,511
Interest income	30	22	8
Interest expense	(877)	(819)	(763)
Other income, net	65	88	87
Income Before Income Taxes	2,118	1,472	843
Income tax provision (benefit)	427	70	(19)
Net Income	1,691	1,402	862
Preferred stock dividend requirement	14	14	14
Income Available for Common Stock	\$ 1,677	\$ 1,388	\$ 848

See accompanying Notes to the Consolidated Financial Statements.

Pacific Gas and Electric Company
CONSOLIDATED BALANCE SHEETS
(in millions)

	Balance at December 31,	
	2017	2016
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 447	\$ 71
Accounts receivable		
Customers (net of allowance for doubtful accounts of \$64 and \$58 at respective dates)	1,243	1,252
Accrued unbilled revenue	946	1,098
Regulatory balancing accounts	1,222	1,500
Other	862	801
Regulatory assets	615	423
Inventories		
Gas stored underground and fuel oil	115	117
Materials and supplies	366	346
Income taxes receivable	-	159
Other	465	289
Total current assets	6,281	6,056
Property, Plant, and Equipment		
Electric	55,133	52,556
Gas	19,641	17,853
Construction work in progress	2,471	2,184
Total property, plant, and equipment	77,245	72,593
Accumulated depreciation	(23,456)	(22,012)
Net property, plant, and equipment	53,789	50,581
Other Noncurrent Assets		
Regulatory assets	3,793	7,951
Nuclear decommissioning trusts	2,863	2,606
Income taxes receivable	64	70
Other	1,094	1,110
Total other noncurrent assets	7,814	11,737
TOTAL ASSETS	\$ 67,884	\$ 68,374

See accompanying Notes to the Consolidated Financial Statements.

Pacific Gas and Electric Company
CONSOLIDATED BALANCE SHEETS
(in millions , except share amounts)

	Balance at December 31,	
	2017	2016
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current Liabilities		
Short-term borrowings	\$ 799	\$ 1,516
Long-term debt, classified as current	445	700
Accounts payable		
Trade creditors	1,644	1,494
Regulatory balancing accounts	1,120	645
Other	538	453
Disputed claims and customer refunds	243	236
Interest payable	214	214
Other	2,018	2,072
Total current liabilities	7,021	7,330
Noncurrent Liabilities		
Long-term debt	17,403	15,872
Regulatory liabilities	8,679	6,805
Pension and other postretirement benefits	2,026	2,548
Asset retirement obligations	4,899	4,684
Deferred income taxes	5,963	10,510
Other	2,146	2,230
Total noncurrent liabilities	41,116	42,649
Commitments and Contingencies (Note 13)		
Shareholders' Equity		
Preferred stock	258	258
Common stock, \$5 par value, authorized 800,000,000 shares; 264,374,809 shares outstanding at respective dates	1,322	1,322
Additional paid-in capital	8,505	8,050
Reinvested earnings	9,656	8,763
Accumulated other comprehensive income	6	2
Total shareholders' equity	19,747	18,395
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$ 67,884	\$ 68,374

See accompanying Notes to the Consolidated Financial Statements.

EXHIBIT B

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

RESIDENTIAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE E-1			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	ES UNIT DISCOUNT (\$/UNIT/MONTH)	\$1.76	\$1.76	3
4	ET UNIT DISCOUNT (\$/UNIT/MONTH)	\$6.06	\$6.06	4
5	ES/ET MINIMUM RATE LIMITER (\$/KWH)	\$0.04885	\$0.04885	5
6	ENERGY (\$/KWH)			6
7	TIER 1 (Baseline Quantity - BQ)	\$0.20078	\$0.20078	7
8	TIER 2 > 100% of BQ	\$0.27748	\$0.27748	8
10	High User Surcharge (HUS) > 400% of BQ	\$0.40337	\$0.40337	9
12	SCHEDULE EL-1 (CARE)			10
13	MINIMUM BILL (\$/MONTH)	\$5.00	\$5.00	11
14	ENERGY (\$/KWH)			12
15	TIER 1 (Baseline Quantity - BQ)	\$0.12706	\$0.12706	13
16	TIER 2 > 100% of BQ	\$0.17346	\$0.17346	14
17	High User Surcharge (HUS) > 400% of BQ	\$0.24088	\$0.24088	15

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

RESIDENTIAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE E-6 / EM-TOU			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	E-6 METER CHARGE (\$/MONTH)	\$7.70	\$7.70	3
4	ON-PEAK ENERGY (\$/KWH)			4
5	TIER 1 (Baseline Quantity - BQ)	\$0.36032		5
6	TIER 2 > 100% of BQ	\$0.43702		6
7	PART-PEAK ENERGY (\$/KWH)			7
8	TIER 1 (Baseline Quantity - BQ)	\$0.24505	\$0.18944	8
9	TIER 2 > 100% of BQ	\$0.32175	\$0.26614	9
10	OFF-PEAK ENERGY (\$/KWH)			10
11	TIER 1 (Baseline Quantity - BQ)	\$0.16827	\$0.17261	11
12	TIER 2 > 100% of BQ	\$0.24498	\$0.24931	12

13	SCHEDULE EL-6 / EML-TOU			13
14	MINIMUM BILL (\$/MONTH)	\$5.00	\$5.00	14
15	EL-6 METER CHARGE(\$/MONTH)	\$6.16	\$6.16	15
16	ON-PEAK ENERGY (\$/KWH)			16
17	TIER 1 (Baseline Quantity - BQ)	\$0.24386		17
18	TIER 2 > 100% of BQ	\$0.29134		18
19	PART-PEAK ENERGY (\$/KWH)			19
20	TIER 1 (Baseline Quantity - BQ)	\$0.15936	\$0.11860	20
21	TIER 2 > 100% of BQ	\$0.20684	\$0.16606	21
22	OFF-PEAK ENERGY (\$/KWH)			22
23	TIER 1 (Baseline Quantity - BQ)	\$0.10308	\$0.10625	23
24	TIER 2 > 100% of BQ	\$0.15056	\$0.15372	24

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

RESIDENTIAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE EV: RATE A			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	ON-PEAK ENERGY (\$/KWH)	\$0.45491	\$0.32119	3
4	PART-PEAK ENERGY (\$/KWH)	\$0.25089	\$0.19897	4
5	OFF-PEAK ENERGY (\$/KWH)	\$0.12330	\$0.12608	5
6	SCHEDULE EV: RATE B			6
7	EV-B METER CHARGE (\$/MONTH)	\$1.50	\$1.50	7
8	ON-PEAK ENERGY (\$/KWH)	\$0.44839	\$0.31425	8
9	PART-PEAK ENERGY (\$/KWH)	\$0.24763	\$0.19550	9
10	OFF-PEAK ENERGY (\$/KWH)	\$0.12283	\$0.12558	10

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

SMALL L&P RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE A-1			1
2	CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.)	\$10.00	\$10.00	2
3	CUSTOMER CHARGE: POLYPHASE (\$/MO.)	\$20.00	\$20.00	3
4	ENERGY (\$/KWH)	\$0.24813	\$0.19353	4
5	SCHEDULE A-1 TOU			5
6	CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.)	\$10.00	\$10.00	6
7	CUSTOMER CHARGE: POLYPHASE (\$/MO.)	\$20.00	\$20.00	7
8	ENERGY (\$/KWH)			8
9	ON-PEAK	\$0.26381		9
10	PART-PEAK	\$0.24016	\$0.22130	10
11	OFF-PEAK ENERGY	\$0.21280	\$0.20039	11
12	SCHEDULE A-6			12
13	CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.)	\$10.00	\$10.00	13
14	CUSTOMER CHARGE: POLYPHASE (\$/MO.)	\$20.00	\$20.00	14
15	METER CHARGE (\$/MONTH)	\$6.12	\$6.12	15
16	METER CHARGE - RATE W (\$/MONTH)	\$1.80	\$1.80	16
17	METER CHARGE - RATE X (\$/MONTH)	\$6.12	\$6.12	17
18	ENERGY (\$/KWH)			18
19	ON-PEAK	\$0.55561		19
20	PART-PEAK	\$0.25879	\$0.20525	20
21	OFF-PEAK ENERGY	\$0.18721	\$0.18701	21
22	SCHEDULE A-15			22
23	CUSTOMER CHARGE (\$/MONTH)	\$10.00	\$10.00	23
24	FACILITY CHARGE (\$/MONTH)	\$25.00	\$25.00	24
25	ENERGY (\$/KWH)	\$0.24813	\$0.19353	25
26	SCHEDULE TC-1			26
27	CUSTOMER CHARGE (\$/MONTH)	\$10.00	\$10.00	27
28	ENERGY (\$/KWH)	\$0.18515	\$0.18515	28

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

MEDIUM L&P RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.

1	SCHEDULE A-10			1
2	CUSTOMER CHARGE (\$/MONTH)	\$140.00	\$140.00	2
3	MAXIMUM DEMAND CHARGE (\$/KW/MO)			3
4	SECONDARY VOLTAGE	\$18.28	\$10.95	4
5	PRIMARY VOLTAGE	\$17.39	\$11.25	5
6	TRANSMISSION VOLTAGE	\$11.70	\$8.33	6
7	ENERGY CHARGE (\$/KWH)			7
8	SECONDARY VOLTAGE	\$0.16353	\$0.12693	8
9	PRIMARY VOLTAGE	\$0.15383	\$0.12325	9
10	TRANSMISSION VOLTAGE	\$0.12083	\$0.10229	10

11	SCHEDULE A-10 TOU			11
12	CUSTOMER CHARGE (\$/MONTH)	\$140.00	\$140.00	12
13	MAXIMUM DEMAND CHARGE (\$/KW/MO)			13
14	SECONDARY VOLTAGE	\$18.28	\$10.95	14
15	PRIMARY VOLTAGE	\$17.39	\$11.25	15
16	TRANSMISSION VOLTAGE	\$11.70	\$8.33	16
17	ENERGY CHARGE (\$/KWH)			17
18	SECONDARY			18
19	ON PEAK	\$0.21833		19
20	PARTIAL PEAK	\$0.16320	\$0.13502	20
21	OFF-PEAK	\$0.13513	\$0.11796	21
22	PRIMARY			22
23	ON PEAK	\$0.20663		23
24	PARTIAL PEAK	\$0.15607	\$0.13306	24
25	OFF-PEAK	\$0.12944	\$0.11718	25
26	TRANSMISSION			26
27	ON PEAK	\$0.17015		27
28	PARTIAL PEAK	\$0.12327	\$0.11148	28
29	OFF-PEAK	\$0.09797	\$0.09691	29

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

E-19 FIRM RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.

1	SCHEDULE E-19 T FIRM			1
2	CUSTOMER CHARGE > 500 KW (\$/MONTH)	\$1,800.00	\$1,800.00	2
3	CUSTOMER CHARGE < 500 KW (\$/MONTH)	\$140.00	\$140.00	3
4	TOU METER CHARGE - RATES V & X (\$/MONTH)	\$140.00	\$140.00	4
5	TOU METER CHARGE - RATE W (\$/MONTH)	\$140.00	\$140.00	5
6	DEMAND CHARGE (\$/KW/MONTH)			6
7	ON-PEAK	\$12.42		7
8	PARTIAL PEAK	\$3.11	\$0.00	8
9	MAXIMUM	\$9.14	\$9.14	9
10	ENERGY CHARGE (\$/KWH)			10
11	ON-PEAK	\$0.10626		11
12	PARTIAL-PEAK	\$0.09365	\$0.09564	12
13	OFF-PEAK	\$0.07698	\$0.08283	13

14	SCHEDULE E-19 P FIRM			14
15	CUSTOMER CHARGE > 500 KW (\$/MONTH)	\$1,000.00	\$1,000.00	15
16	CUSTOMER CHARGE < 500 KW (\$/MONTH)	\$140.00	\$140.00	16
17	TOU METER CHARGE - RATES V & X (\$/MONTH)	\$140.00	\$140.00	17
18	TOU METER CHARGE - RATE W (\$/MONTH)	\$140.00	\$140.00	18
19	DEMAND CHARGE (\$/KW/MONTH)			19
20	ON-PEAK	\$16.60		20
21	PARTIAL PEAK	\$4.53	\$0.15	21
22	MAXIMUM	\$14.41	\$14.41	22
23	ENERGY CHARGE (\$/KWH)			23
24	ON-PEAK	\$0.14232		24
25	PARTIAL-PEAK	\$0.10394	\$0.09876	25
26	OFF-PEAK	\$0.07927	\$0.08536	26

27	SCHEDULE E-19 S FIRM			27
28	CUSTOMER CHARGE > 500 KW (\$/MONTH)	\$600.00	\$600.00	28
29	CUSTOMER CHARGE < 500 KW (\$/MONTH)	\$140.00	\$140.00	29
30	TOU METER CHARGE - RATES V & X (\$/MONTH)	\$140.00	\$140.00	30
31	TOU METER CHARGE - RATE W (\$/MONTH)	\$140.00	\$140.00	31
32	DEMAND CHARGE (\$/KW/MONTH)			32
33	ON-PEAK	\$18.64		33
34	PARTIAL PEAK	\$5.18	\$0.12	34
35	MAXIMUM	\$17.57	\$17.57	35
36	ENERGY CHARGE (\$/KWH)			36
37	ON-PEAK	\$0.15245		37
38	PARTIAL-PEAK	\$0.11194	\$0.10640	38
39	OFF-PEAK	\$0.08512	\$0.09178	39

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

E-20 FIRM RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE E-20 T FIRM			1
2	CUSTOMER CHARGE (\$/MONTH)-FIRM	\$2,000.00	\$2,000.00	2
3	DEMAND CHARGE (\$/KW/MONTH)			3
4	ON-PEAK	\$15.89		4
5	PARTIAL PEAK	\$3.79	\$0.00	5
6	MAXIMUM	\$8.32	\$8.32	6
7	ENERGY CHARGE (\$/KWH)			7
8	ON-PEAK	\$0.10123		8
9	PARTIAL-PEAK	\$0.08900	\$0.09092	9
10	OFF-PEAK	\$0.07281	\$0.07849	10
11	SCHEDULE E-20 P FIRM			11
12	CUSTOMER CHARGE (\$/MONTH)	\$1,500.00	\$1,500.00	12
13	DEMAND CHARGE (\$/KW/MONTH)			13
14	ON-PEAK	\$19.26		14
15	PARTIAL PEAK	\$5.13	\$0.12	15
16	MAXIMUM	\$15.10	\$15.10	16
17	ENERGY CHARGE (\$/KWH)			17
18	ON-PEAK	\$0.14436		18
19	PARTIAL-PEAK	\$0.10374	\$0.09839	19
20	OFF-PEAK	\$0.07876	\$0.08490	20
21	SCHEDULE E-20 S FIRM			21
22	CUSTOMER CHARGE (\$/MONTH)	\$1,200.00	\$1,200.00	22
23	DEMAND CHARGE (\$/KW/MONTH)			23
24	ON-PEAK	\$18.05		24
25	PARTIAL PEAK	\$5.01	\$0.05	25
26	MAXIMUM	\$17.45	\$17.45	26
27	ENERGY CHARGE (\$/KWH)			27
28	ON-PEAK	\$0.14287		28
29	PARTIAL-PEAK	\$0.10602	\$0.10067	29
30	OFF-PEAK	\$0.08072	\$0.08696	30

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

OIL AND GAS EXTRACTION RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE E-37			1
2	CUSTOMER CHARGE (\$/MONTH)	\$36.36	\$36.36	2
3	TOU METER CHARGE - RATE W (\$/MONTH)	\$1.20	\$1.20	3
4	TOU METER CHARGE - RATE X (\$/MONTH)	\$6.00	\$6.00	4
5	ON PEAK DEMAND CHARGE (\$/KW/MO)	\$9.85		5
6	MAXIMUM DEMAND CHARGE (\$/KW/MO)			6
7	SECONDARY VOLTAGE	\$15.37	\$5.95	7
8	PRIMARY VOLTAGE DISCOUNT	\$1.71	\$0.18	8
9	TRANSMISSION VOLTAGE DISCOUNT	\$11.49	\$5.12	9
10	ENERGY (\$/KWH)			10
11	ON-PEAK	\$0.21042		11
12	PART-PEAK		\$0.11251	12
13	OFF-PEAK	\$0.09241	\$0.08410	13

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

STANDBY RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.

1	SCHEDULE S - TRANSMISSION			1
2	CONTRACT CAPACITY CHARGE (\$/KW/MO.)	\$1.56	\$1.56	2
3	EFFECTIVE RESERVATION CHARGE (\$/KW/MO.)	\$1.33	\$1.33	3
4	ENERGY (\$/KWH)			4
5	ON-PEAK	\$0.12730		5
6	PART-PEAK	\$0.11412	\$0.11619	6
7	OFF-PEAK	\$0.09669	\$0.10281	7

8	SCHEDULE S - PRIMARY			8
9	CONTRACT CAPACITY CHARGE (\$/KW/MO.)	\$7.25	\$7.25	9
10	EFFECTIVE RESERVATION CHARGE (\$/KW/MO.)	\$6.16	\$6.16	10
11	ENERGY (\$/KWH)			11
12	ON-PEAK	\$0.57747		12
13	PART-PEAK	\$0.26797	\$0.14040	13
14	OFF-PEAK	\$0.11208	\$0.11929	14

15	SCHEDULE S - SECONDARY			15
16	CONTRACT CAPACITY CHARGE (\$/KW/MO.)	\$7.25	\$7.25	16
17	EFFECTIVE RESERVATION CHARGE (\$/KW/MO.)	\$6.16	\$6.16	17
18	ENERGY (\$/KWH)			18
19	ON-PEAK	\$0.57632		19
20	PART-PEAK	\$0.26682	\$0.13925	20
21	OFF-PEAK	\$0.11093	\$0.11814	21

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

STANDBY RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE S CUSTOMER AND METER CHARGES			1
2	RESIDENTIAL			2
3	CUSTOMER CHARGE (\$/MO)	\$5.00	\$5.00	3
4	TOU METER CHARGE (\$/MO)	\$3.90	\$3.90	4
5	AGRICULTURAL			5
6	CUSTOMER CHARGE (\$/MO)	\$27.60	\$27.60	6
7	TOU METER CHARGE (\$/MO)	\$6.00	\$6.00	7
8	SMALL LIGHT AND POWER (less than or equal to 50 kW)			8
9	SINGLE PHASE CUSTOMER CHARGE (\$/MO)	\$20.00	\$20.00	9
10	POLY PHASE CUSTOMER CHARGE (\$/MO)	\$30.00	\$30.00	10
11	METER CHARGE (\$/MO)	\$6.12	\$6.12	11
12	MEDIUM LIGHT AND POWER (>50 kW, <500 kW)			12
13	CUSTOMER CHARGE (\$/MO)	\$140.00	\$140.00	13
14	METER CHARGE (\$/MO)	\$5.40	\$5.40	14
15	MEDIUM LIGHT AND POWER (>500kW)			15
16	TRANSMISSION CUSTOMER CHARGE (\$/MO)	\$1,800.00	\$1,800.00	16
17	PRIMARY CUSTOMER CHARGE (\$/MO)	\$1,000.00	\$1,000.00	17
18	SECONDARY CUSTOMER CHARGE (\$/MO)	\$600.00	\$600.00	18
19	LARGE LIGHT AND POWER (> 1000 kW)			19
20	TRANSMISSION CUSTOMER CHARGE (\$/MO)	\$2,000.00	\$2,000.00	20
21	PRIMARY CUSTOMER CHARGE (\$/MO)	\$1,500.00	\$1,500.00	21
22	SECONDARY CUSTOMER CHARGE (\$/MO)	\$1,200.00	\$1,200.00	22
23	REDUCED CUSTOMER CHARGES (\$/MO)			23
24	SMALL LIGHT AND PWR (< 50 kW)	\$7.75	\$7.75	24
25	MED LIGHT AND PWR (Res Capacity >75 kW and <500 kW) S	\$52.00	\$52.00	25
26	MED LIGHT AND PWR (Res Capacity > 500 kW and < 1000 kW) S	\$177.39	\$177.39	26

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

AGRICULTURAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE AG-1A			1
2	CUSTOMER CHARGE (\$/MONTH)	\$17.47	\$17.47	2
3	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$7.96	\$1.52	3
4	ENERGY CHARGE (\$/KWH)	\$0.27991	\$0.21579	4
5	SCHEDULE AG-RA			5
6	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	6
7	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	7
8	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	8
9	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$7.08	\$1.16	9
10	ENERGY (\$/KWH)			10
11	ON-PEAK	\$0.52776		11
12	PART-PEAK		\$0.18920	12
13	OFF-PEAK	\$0.18560	\$0.15560	13
14	SCHEDULE AG-VA			14
15	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	15
16	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	16
17	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	17
18	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$7.10	\$1.20	18
19	ENERGY (\$/KWH)			19
20	ON-PEAK	\$0.49313		20
21	PART-PEAK		\$0.19047	21
22	OFF-PEAK	\$0.18247	\$0.15615	22
23	SCHEDULE AG-4A			23
24	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	24
25	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	25
26	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	26
27	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$8.12	\$1.23	27
28	ENERGY (\$/KWH)			28
29	ON-PEAK	\$0.44533		29
30	PART-PEAK		\$0.20231	30
31	OFF-PEAK	\$0.19555	\$0.16408	31
32	SCHEDULE AG-5A			32
33	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	33
34	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	34
35	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	35
36	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$11.77	\$2.19	36
37	ENERGY (\$/KWH)			37
38	ON-PEAK	\$0.30796		38
39	PART-PEAK		\$0.16639	39
40	OFF-PEAK	\$0.15808	\$0.14100	40

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018
AGRICULTURAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE AG-1B			1
2	CUSTOMER CHARGE (\$/MONTH)	\$23.23	\$23.23	2
3	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			3
4	SECONDARY VOLTAGE	\$11.63	\$2.34	4
5	PRIMARY VOLTAGE DISCOUNT	\$1.21	\$0.32	5
6	ENERGY CHARGE (\$/KWH)	\$0.23956	\$0.18655	6
7	SCHEDULE AG-RB			7
8	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$23.23	\$23.23	8
9	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	9
10	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	10
11	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$3.69		11
12	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			12
13	SECONDARY VOLTAGE	\$9.59	\$1.93	13
14	PRIMARY VOLTAGE DISCOUNT	\$0.83	\$0.31	14
15	ENERGY CHARGE (\$/KWH)			15
16	ON-PEAK	\$0.47553		16
17	PART-PEAK		\$0.16474	17
18	OFF-PEAK	\$0.17544	\$0.13642	18
19	SCHEDULE AG-VB			19
20	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$23.23	\$23.23	20
21	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	21
22	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	22
23	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$3.66		23
24	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			24
25	SECONDARY VOLTAGE	\$9.65	\$1.91	25
26	PRIMARY VOLTAGE DISCOUNT	\$0.88	\$0.30	26
27	ENERGY CHARGE (\$/KWH)			27
28	ON-PEAK	\$0.44084		28
29	PART-PEAK		\$0.16210	29
30	OFF-PEAK	\$0.17058	\$0.13473	30

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

AGRICULTURAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE AG-4B			1
2	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$23.23	\$23.23	2
3	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	3
4	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	4
5	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$5.17		5
6	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			6
7	SECONDARY VOLTAGE	\$9.79	\$2.26	7
8	PRIMARY VOLTAGE DISCOUNT	\$1.03	\$0.35	8
9	ENERGY CHARGE (\$/KWH)			9
10	ON-PEAK	\$0.29202		10
11	PART-PEAK		\$0.15835	11
12	OFF-PEAK	\$0.15798	\$0.13358	12
13	SCHEDULE AG-4C			13
14	CUSTOMER CHARGE - RATES C & F (\$/MONTH)	\$65.44	\$65.44	14
15	METER CHARGE - RATE C (\$/MONTH)	\$6.00	\$6.00	15
16	METER CHARGE - RATE F (\$/MONTH)	\$1.20	\$1.20	16
17	DEMAND CHARGE (\$/KW/MONTH)			17
18	ON-PEAK	\$12.10		18
19	PART-PEAK	\$2.31	\$0.54	19
20	MAXIMUM	\$4.96	\$2.40	20
21	PRIMARY VOLTAGE DISCOUNT			21
22	ON-PEAK	\$1.33		22
23	MAXIMUM		\$0.31	23
24	TRANSMISSION VOLTAGE DISCOUNT			24
25	ON-PEAK	\$6.31		25
26	PART-PEAK	\$1.29	\$0.54	26
27	MAXIMUM	\$0.24	\$1.66	27
28	ENERGY CHARGE (\$/KWH)			28
29	ON-PEAK	\$0.26656		29
30	PART-PEAK	\$0.15728	\$0.13165	30
31	OFF-PEAK	\$0.11909	\$0.11463	31
32	SCHEDULE AG-5B			32
33	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$36.36	\$36.36	33
34	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	34
35	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	35
36	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$9.85		36
37	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			37
38	SECONDARY VOLTAGE	\$15.37	\$5.95	38
39	PRIMARY VOLTAGE DISCOUNT	\$1.71	\$0.18	39
40	TRANSMISSION VOLTAGE DISCOUNT	\$11.49	\$5.12	40
41	ENERGY CHARGE (\$/KWH)			41
42	ON-PEAK	\$0.21042		42
43	PART-PEAK		\$0.11251	43
44	OFF-PEAK	\$0.09241	\$0.08410	44

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

AGRICULTURAL RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.
1	SCHEDULE AG-5C			1
2	CUSTOMER CHARGE - RATES C & F (\$/MONTH)	\$161.58	\$161.58	2
3	METER CHARGE - RATE C (\$/MONTH)	\$6.00	\$6.00	3
4	METER CHARGE - RATE F (\$/MONTH)	\$1.20	\$1.20	4
5	DEMAND CHARGE (\$/KW/MONTH)			5
6	ON-PEAK	\$16.62		6
7	PART-PEAK	\$3.44	\$0.89	7
8	MAXIMUM	\$5.95	\$3.71	8
9	PRIMARY VOLTAGE DISCOUNT			9
10	ON-PEAK	\$2.48		10
11	MAXIMUM		\$0.25	11
12	TRANSMISSION VOLTAGE DISCOUNT			12
13	ON-PEAK	\$10.30		13
14	PART-PEAK	\$1.51	\$0.89	14
15	MAXIMUM	\$3.38	\$2.43	15
16	ENERGY CHARGE (\$/KWH)			16
17	ON-PEAK	\$0.16286		17
18	PART-PEAK	\$0.11225	\$0.09906	18
19	OFF-PEAK	\$0.09341	\$0.09049	19
20	SCHEDULE AG-ICE			20
21	CUSTOMER CHARGE (\$/MONTH)	\$40.00	\$40.00	21
22	METER CHARGE (\$/MONTH)	\$6.00	\$6.00	22
23	ON-PEAK DEMAND CHARGE (\$/KW/MO)	\$6.95		23
24	MAXIMUM DEMAND CHARGE (\$/KW/MO)			24
25	SECONDARY	\$8.99	\$0.00	25
26	PRIMARY	\$7.85	\$0.00	26
27	TRANSMISSION	\$2.74	\$0.00	27
28	ENERGY CHARGE (\$/KWH)			28
29	ON-PEAK	\$0.18415		29
30	PART-PEAK	\$0.14364	\$0.14732	30
31	OFF-PEAK	\$0.07366	\$0.07366	31

PACIFIC GAS AND ELECTRIC COMPANY
PRESENT ELECTRIC RATES as of
Monday, January 01, 2018

STREETLIGHTING RATES

LINE NO.		1/1/18 RATES SUMMER	1/1/18 RATES WINTER	LINE NO.

1	SCHEDULE LS-1			1
2	ENERGY CHARGE (\$/KWH)	\$0.15914	\$0.15914	2

3	SCHEDULE LS-2			3
4	ENERGY CHARGE (\$/KWH)	\$0.15914	\$0.15914	4

5	SCHEDULE LS-3			5
6	SERVICE CHARGE (\$/METER/MO.)	\$6.00	\$6.00	6
7	ENERGY CHARGE (\$/KWH)	\$0.15914	\$0.15914	7

8	SCHEDULE OL-1			8
9	ENERGY CHARGE (\$/KWH)	\$0.16639	\$0.16639	9

[illegible]

All LEDs now on separate tab.

Pacific Gas & Electric Company																
1/1/18 Rate Change - Trans. BA's & CPUC Fee - Based on 2017 Sales Fcst																
1/1/2018																
ELECTRIC RATES FOR SCHEDULES LS-1, LS-2 AND OL-1																
NOMINAL LAMP RATINGS			ALL NIGHT RATES PER LAMP PER MONTH												HALF-HOUR ADJ.	
LAMP	AVERAGE	INITIAL	SCHEDULE LS-2			SCHEDULE LS-1							LS-1 &			
WATTS	kWhr PER MONTH	LUMENS	A	C	A	B	C	D	E	F	OL-1	LS-2	OL-1			
Energy Rate @			\$0.15914	per kwh	LS-1 & LS-2											
			\$0.16639	per kwh	OL-1		Pole Painting Charge @			Per Pole Per Month						
	22-Jan-18															

Pacific Gas & Electric Company
1/1/18 Rate Change - Trans. BA's & CPUC Fee - Based on 2017 Sales Fcst
1/1/18

LIGHT EMITTING DIODE (LED) LAMPS
TOTAL RATES (FACILITY + ENERGY CHGS)

NOMINAL LAMP RATINGS		ALL NIGHT RATES		ALL NIGHT RATES				
Lamp	Average kWh	PER LAMP	HALF-HOUR	PER LAMP PER MONTH				
Watts	Per Month	PER MONTH	ADJUSTMENT					
		LS-2A	LS-1A, C, E, F & LS-2A	LS-1A	LS-1C	LS-1D	LS-1E	LS-1F
0.0-5.0	0.9	\$0.350	\$0.007	\$6.657	\$6.925	\$9.866	\$10.621	\$8.010
5.1-10.0	2.6	\$0.621	\$0.019	\$6.928	\$7.196	\$10.137	\$10.892	\$8.281
10.1-15.0	4.3	\$0.891	\$0.031	\$7.198	\$7.466	\$10.407	\$11.162	\$8.551
15.1-20.0	6.0	\$1.162	\$0.043	\$7.469	\$7.737	\$10.678	\$11.433	\$8.822
20.1-25.0	7.7	\$1.432	\$0.056	\$7.739	\$8.007	\$10.948	\$11.703	\$9.092
25.1-30.0	9.4	\$1.703	\$0.068	\$8.010	\$8.278	\$11.219	\$11.974	\$9.363
30.1-35.0	11.1	\$1.973	\$0.080	\$8.280	\$8.548	\$11.489	\$12.244	\$9.633
35.1-40.0	12.8	\$2.244	\$0.093	\$8.551	\$8.819	\$11.760	\$12.515	\$9.904
40.1-45.0	14.5	\$2.515	\$0.105	\$8.822	\$9.090	\$12.031	\$12.786	\$10.175
45.1-50.0	16.2	\$2.785	\$0.117	\$9.092	\$9.360	\$12.301	\$13.056	\$10.445
50.1-55.0	17.9	\$3.056	\$0.130	\$9.363	\$9.631	\$12.572	\$13.327	\$10.716
55.1-60.0	19.6	\$3.326	\$0.142	\$9.633	\$9.901	\$12.842	\$13.597	\$10.986
60.1-65.0	21.4	\$3.613	\$0.155	\$9.920	\$10.188	\$13.129	\$13.884	\$11.273
65.1-70.0	23.1	\$3.883	\$0.167	\$10.190	\$10.458	\$13.399	\$14.154	\$11.543
70.1-75.0	24.8	\$4.154	\$0.179	\$10.461	\$10.729	\$13.670	\$14.425	\$11.814
75.1-80.0	26.5	\$4.424	\$0.192	\$10.731	\$10.999	\$13.940	\$14.695	\$12.084
80.1-85.0	28.2	\$4.695	\$0.204	\$11.002	\$11.270	\$14.211	\$14.966	\$12.355
85.1-90.0	29.9	\$4.965	\$0.216	\$11.272	\$11.540	\$14.481	\$15.236	\$12.625
90.1-95.0	31.6	\$5.236	\$0.229	\$11.543	\$11.811	\$14.752	\$15.507	\$12.896
95.1-100.0	33.3	\$5.506	\$0.241	\$11.813	\$12.081	\$15.022	\$15.777	\$13.166
100.1-105.1	35.0	\$5.777	\$0.253	\$12.084	\$12.352	\$15.293	\$16.048	\$13.437
105.1-110.0	36.7	\$6.047	\$0.265	\$12.354	\$12.622	\$15.563	\$16.318	\$13.707
110.1-115.0	38.4	\$6.318	\$0.278	\$12.625	\$12.893	\$15.834	\$16.589	\$13.978
115.1-120.0	40.1	\$6.589	\$0.290	\$12.896	\$13.164	\$16.105	\$16.860	\$14.249
120.1-125.0	41.9	\$6.875	\$0.303	\$13.182	\$13.450	\$16.391	\$17.146	\$14.535
125.1-130.0	43.6	\$7.146	\$0.315	\$13.453	\$13.721	\$16.662	\$17.417	\$14.806
130.1-135.0	45.3	\$7.416	\$0.328	\$13.723	\$13.991	\$16.932	\$17.687	\$15.076
135.1-140.0	47.0	\$7.687	\$0.340	\$13.994	\$14.262	\$17.203	\$17.958	\$15.347
140.1-145.0	48.7	\$7.957	\$0.352	\$14.264	\$14.532	\$17.473	\$18.228	\$15.617
145.1-150.0	50.4	\$8.228	\$0.365	\$14.535	\$14.803	\$17.744	\$18.499	\$15.888
150.1-155.0	52.1	\$8.498	\$0.377	\$14.805	\$15.073	\$18.014	\$18.769	\$16.158
155.1-160.0	53.8	\$8.769	\$0.389	\$15.076	\$15.344	\$18.285	\$19.040	\$16.429
160.1-165.0	55.5	\$9.039	\$0.401	\$15.346	\$15.614	\$18.555	\$19.310	\$16.699
165.1-170.0	57.2	\$9.310	\$0.414	\$15.617	\$15.885	\$18.826	\$19.581	\$16.970
170.1-175.0	58.9	\$9.580	\$0.426	\$15.887	\$16.155	\$19.096	\$19.851	\$17.240
175.1-180.0	60.6	\$9.851	\$0.438	\$16.158	\$16.426	\$19.367	\$20.122	\$17.511
180.1-185.0	62.4	\$10.137	\$0.451	\$16.444	\$16.712	\$19.653	\$20.408	\$17.797
185.1-190.0	64.1	\$10.408	\$0.464	\$16.715	\$16.983	\$19.924	\$20.679	\$18.068
190.1-195.0	65.8	\$10.678	\$0.476	\$16.985	\$17.253	\$20.194	\$20.949	\$18.338
195.1-200.0	67.5	\$10.949	\$0.488	\$17.256	\$17.524	\$20.465	\$21.220	\$18.609
200.1-205.0	69.2	\$11.219	\$0.501	\$17.526	\$17.794	\$20.735	\$21.490	\$18.879
205.1-210.0	70.9	\$11.490	\$0.513	\$17.797	\$18.065	\$21.006	\$21.761	\$19.150
210.1-215.0	72.6	\$11.761	\$0.525	\$18.068	\$18.336	\$21.277	\$22.032	\$19.421
215.1-220.0	74.3	\$12.031	\$0.537	\$18.338	\$18.606	\$21.547	\$22.302	\$19.691
220.1-225.0	76.0	\$12.302	\$0.550	\$18.609	\$18.877	\$21.818	\$22.573	\$19.962

LIGHT EMITTING DIODE (LED) LAMPS CONVERSION						
(with LED Surcharge)						
ALL NIGHT RATES					HALF-HOUR	
PER LAMP PER MONTH					ADJUSTMENT	
LS-1A	LS-1C	LS-1D	LS-1E	LS-1F	LS-1A, C, D, E & F	
\$9.471	\$9.739	\$22.634	\$13.435	\$10.824	\$0.007	
\$9.742	\$10.010	\$22.905	\$13.706	\$11.095	\$0.019	
\$10.012	\$10.280	\$23.175	\$13.976	\$11.365	\$0.031	
\$10.283	\$10.551	\$23.446	\$14.247	\$11.636	\$0.043	
\$10.553	\$10.821	\$23.716	\$14.517	\$11.906	\$0.056	
\$10.824	\$11.092	\$23.987	\$14.788	\$12.177	\$0.068	
\$11.094	\$11.362	\$24.257	\$15.058	\$12.447	\$0.080	
\$11.365	\$11.633	\$24.528	\$15.329	\$12.718	\$0.093	
\$11.636	\$11.904	\$24.799	\$15.600	\$12.989	\$0.105	
\$11.906	\$12.174	\$25.069	\$15.870	\$13.259	\$0.117	
\$12.177	\$12.445	\$25.340	\$16.141	\$13.530	\$0.130	
\$12.447	\$12.715	\$25.610	\$16.411	\$13.800	\$0.142	
\$12.734	\$13.002	\$25.897	\$16.698	\$14.087	\$0.155	
\$13.004	\$13.272	\$26.167	\$16.968	\$14.357	\$0.167	
\$13.275	\$13.543	\$26.438	\$17.239	\$14.628	\$0.179	
\$13.545	\$13.813	\$26.708	\$17.509	\$14.898	\$0.192	
\$13.816	\$14.084	\$26.979	\$17.780	\$15.169	\$0.204	
\$14.086	\$14.354	\$27.249	\$18.050	\$15.439	\$0.216	
\$14.357	\$14.625	\$27.520	\$18.321	\$15.710	\$0.229	
\$14.627	\$14.895	\$27.790	\$18.591	\$15.980	\$0.241	
\$14.898	\$15.166	\$28.061	\$18.862	\$16.251	\$0.253	
\$15.168	\$15.436	\$28.331	\$19.132	\$16.521	\$0.265	
\$15.439	\$15.707	\$28.602	\$19.403	\$16.792	\$0.278	
\$15.710	\$15.978	\$28.873	\$19.674	\$17.063	\$0.290	
\$15.996	\$16.264	\$29.159	\$19.960	\$17.349	\$0.303	
\$16.267	\$16.535	\$29.430	\$20.231	\$17.620	\$0.315	
\$16.537	\$16.805	\$29.700	\$20.501	\$17.890	\$0.328	
\$16.808	\$17.076	\$29.971	\$20.772	\$18.161	\$0.340	
\$17.078	\$17.346	\$30.241	\$21.042	\$18.431	\$0.352	
\$17.349	\$17.617	\$30.512	\$21.313	\$18.702	\$0.365	
\$17.619	\$17.887	\$30.782	\$21.583	\$18.972	\$0.377	
\$17.890	\$18.158	\$31.053	\$21.854	\$19.243	\$0.389	
\$18.160	\$18.428	\$31.323	\$22.124	\$19.513	\$0.401	
\$18.431	\$18.699	\$31.594	\$22.395	\$19.784	\$0.414	
\$18.701	\$18.969	\$31.864	\$22.665	\$20.054	\$0.426	
\$18.972	\$19.240	\$32.135	\$22.936	\$20.325	\$0.438	
\$19.258	\$19.526	\$32.421	\$23.222	\$20.611	\$0.451	
\$19.529	\$19.797	\$32.692	\$23.493	\$20.882	\$0.464	
\$19.799	\$20.067	\$32.962	\$23.763	\$21.152	\$0.476	
\$20.070	\$20.338	\$33.233	\$24.034	\$21.423	\$0.488	
\$20.340	\$20.608	\$33.503	\$24.304	\$21.693	\$0.501	
\$20.611	\$20.879	\$33.774	\$24.575	\$21.964	\$0.513	
\$20.882	\$21.150	\$34.045	\$24.846	\$22.235	\$0.525	
\$21.152	\$21.420	\$34.315	\$25.116	\$22.505	\$0.537	
\$21.423	\$21.691	\$34.586	\$25.387	\$22.776	\$0.550	

Pacific Gas & Electric Company
1/1/18 Rate Change - Trans. BA's & CPUC Fee - Based on 2017 Sales Fcst
1/1/18

LIGHT EMITTING DIODE (LED) LAMPS
TOTAL RATES (FACILITY + ENERGY CHGS)

NOMINAL LAMP RATINGS		ALL NIGHT RATES		ALL NIGHT RATES				
Lamp	Average kWh	PER LAMP	HALF-HOUR	PER LAMP PER MONTH				
Watts	Per Month	PER MONTH	ADJUSTMENT	PER LAMP PER MONTH				
		LS-2A	LS-1A, C, E, F & LS-2A	LS-1A	LS-1C	LS-1D	LS-1E	LS-1F
225.1-230.0	77.7	\$12.572	\$0.562	\$18.879	\$19.147	\$22.088	\$22.843	\$20.232
230.1-235.0	79.4	\$12.843	\$0.574	\$19.150	\$19.418	\$22.359	\$23.114	\$20.503
235.1-240.0	81.1	\$13.113	\$0.587	\$19.420	\$19.688	\$22.629	\$23.384	\$20.773
240.1-245.0	82.9	\$13.400	\$0.600	\$19.707	\$19.975	\$22.916	\$23.671	\$21.060
245.1-250.0	84.6	\$13.670	\$0.612	\$19.977	\$20.245	\$23.186	\$23.941	\$21.330
250.1-255.0	86.3	\$13.941	\$0.624	\$20.248	\$20.516	\$23.457	\$24.212	\$21.601
255.1-260.0	88.0	\$14.211	\$0.637	\$20.518	\$20.786	\$23.727	\$24.482	\$21.871
260.1-265.0	89.7	\$14.482	\$0.649	\$20.789	\$21.057	\$23.998	\$24.753	\$22.142
265.1-270.0	91.4	\$14.752	\$0.661	\$21.059	\$21.327	\$24.268	\$25.023	\$22.412
270.1-275.0	93.1	\$15.023	\$0.673	\$21.330	\$21.598	\$24.539	\$25.294	\$22.683
275.1-280.0	94.8	\$15.293	\$0.686	\$21.600	\$21.868	\$24.809	\$25.564	\$22.953
280.1-285.0	96.5	\$15.564	\$0.698	\$21.871	\$22.139	\$25.080	\$25.835	\$23.224
285.1-290.0	98.2	\$15.835	\$0.710	\$22.142	\$22.410	\$25.351	\$26.106	\$23.495
290.1-295.0	99.9	\$16.105	\$0.723	\$22.412	\$22.680	\$25.621	\$26.376	\$23.765
295.1-300.0	101.6	\$16.376	\$0.735	\$22.683	\$22.951	\$25.892	\$26.647	\$24.036
300.1-305.0	103.4	\$16.662	\$0.748	\$22.969	\$23.237	\$26.178	\$26.933	\$24.322
305.1-310.0	105.1	\$16.933	\$0.760	\$23.240	\$23.508	\$26.449	\$27.204	\$24.593
310.1-315.0	106.8	\$17.203	\$0.773	\$23.510	\$23.778	\$26.719	\$27.474	\$24.863
315.1-320.0	108.5	\$17.474	\$0.785	\$23.781	\$24.049	\$26.990	\$27.745	\$25.134
320.1-325.0	110.2	\$17.744	\$0.797	\$24.051	\$24.319	\$27.260	\$28.015	\$25.404
325.1-330.0	111.9	\$18.015	\$0.809	\$24.322	\$24.590	\$27.531	\$28.286	\$25.675
330.1-335.0	113.6	\$18.285	\$0.822	\$24.592	\$24.860	\$27.801	\$28.556	\$25.945
335.1-340.0	115.3	\$18.556	\$0.834	\$24.863	\$25.131	\$28.072	\$28.827	\$26.216
340.1-345.0	117.0	\$18.826	\$0.846	\$25.133	\$25.401	\$28.342	\$29.097	\$26.486
345.1-350.0	118.7	\$19.097	\$0.859	\$25.404	\$25.672	\$28.613	\$29.368	\$26.757
350.1-355.0	120.4	\$19.367	\$0.871	\$25.674	\$25.942	\$28.883	\$29.638	\$27.027
355.1-360.0	122.1	\$19.638	\$0.883	\$25.945	\$26.213	\$29.154	\$29.909	\$27.298
360.1-365.0	123.9	\$19.924	\$0.896	\$26.231	\$26.499	\$29.440	\$30.195	\$27.584
365.1-370.0	125.6	\$20.195	\$0.909	\$26.502	\$26.770	\$29.711	\$30.466	\$27.855
370.1-375.0	127.3	\$20.466	\$0.921	\$26.773	\$27.041	\$29.982	\$30.737	\$28.126
375.1-380.0	129.0	\$20.736	\$0.933	\$27.043	\$27.311	\$30.252	\$31.007	\$28.396
380.1-385.0	130.7	\$21.007	\$0.945	\$27.314	\$27.582	\$30.523	\$31.278	\$28.667
385.1-390.0	132.4	\$21.277	\$0.958	\$27.584	\$27.852	\$30.793	\$31.548	\$28.937
390.1-395.0	134.1	\$21.548	\$0.970	\$27.855	\$28.123	\$31.064	\$31.819	\$29.208
395.1-400.0	135.8	\$21.818	\$0.982	\$28.125	\$28.393	\$31.334	\$32.089	\$29.478

LED lights are only applicable to LS-1A, 1C, 1E and 1F

LIGHT EMITTING DIODE (LED) LAMPS CONVERSION
(with LED Surcharge)

ALL NIGHT RATES					HALF-HOUR
PER LAMP PER MONTH					ADJUSTMENT
LS-1A	LS-1C	LS-1D	LS-1E	LS-1F	LS-1A, C, D, E & F
\$21.693	\$21.961	\$34.856	\$25.657	\$23.046	\$0.562
\$21.964	\$22.232	\$35.127	\$25.928	\$23.317	\$0.574
\$22.234	\$22.502	\$35.397	\$26.198	\$23.587	\$0.587
\$22.521	\$22.789	\$35.684	\$26.485	\$23.874	\$0.600
\$22.791	\$23.059	\$35.954	\$26.755	\$24.144	\$0.612
\$23.062	\$23.330	\$36.225	\$27.026	\$24.415	\$0.624
\$23.332	\$23.600	\$36.495	\$27.296	\$24.685	\$0.637
\$23.603	\$23.871	\$36.766	\$27.567	\$24.956	\$0.649
\$23.873	\$24.141	\$37.036	\$27.837	\$25.226	\$0.661
\$24.144	\$24.412	\$37.307	\$28.108	\$25.497	\$0.673
\$24.414	\$24.682	\$37.577	\$28.378	\$25.767	\$0.686
\$24.685	\$24.953	\$37.848	\$28.649	\$26.038	\$0.698
\$24.956	\$25.224	\$38.119	\$28.920	\$26.309	\$0.710
\$25.226	\$25.494	\$38.389	\$29.190	\$26.579	\$0.723
\$25.497	\$25.765	\$38.660	\$29.461	\$26.850	\$0.735
\$25.783	\$26.051	\$38.946	\$29.747	\$27.136	\$0.748
\$26.054	\$26.322	\$39.217	\$30.018	\$27.407	\$0.760
\$26.324	\$26.592	\$39.487	\$30.288	\$27.677	\$0.773
\$26.595	\$26.863	\$39.758	\$30.559	\$27.948	\$0.785
\$26.865	\$27.133	\$40.028	\$30.829	\$28.218	\$0.797
\$27.136	\$27.404	\$40.299	\$31.100	\$28.489	\$0.809
\$27.406	\$27.674	\$40.569	\$31.370	\$28.759	\$0.822
\$27.677	\$27.945	\$40.840	\$31.641	\$29.030	\$0.834
\$27.947	\$28.215	\$41.110	\$31.911	\$29.300	\$0.846
\$28.218	\$28.486	\$41.381	\$32.182	\$29.571	\$0.859
\$28.488	\$28.756	\$41.651	\$32.452	\$29.841	\$0.871
\$28.759	\$29.027	\$41.922	\$32.723	\$30.112	\$0.883
\$29.045	\$29.313	\$42.208	\$33.009	\$30.398	\$0.896
\$29.316	\$29.584	\$42.479	\$33.280	\$30.669	\$0.909
\$29.587	\$29.855	\$42.750	\$33.551	\$30.940	\$0.921
\$29.857	\$30.125	\$43.020	\$33.821	\$31.210	\$0.933
\$30.128	\$30.396	\$43.291	\$34.092	\$31.481	\$0.945
\$30.398	\$30.666	\$43.561	\$34.362	\$31.751	\$0.958
\$30.669	\$30.937	\$43.832	\$34.633	\$32.022	\$0.970
\$30.939	\$31.207	\$44.102	\$34.903	\$32.292	\$0.982

Decorative LED lights are only applicable to LS-1D

EXHIBIT C

SERVICE OF NOTICE OF APPLICATION

In accordance with Rule 3.2(b), Applicant will mail a notice to the following, stating in general terms its proposed change in rates.

State of California

To the Attorney General and the Department of General Services.

State of California
Office of Attorney General
1300 I St Ste 1101
Sacramento, CA 95814

and

Department of General Services
Office of Buildings & Grounds
505 Van Ness Avenue, Room 2012
San Francisco, CA 94102

Counties

To the County Counsel or District Attorney and the County Clerk in the following counties:

Alameda	Merced	Siskiyou
Alpine	Modoc	Solano
Amador	Monterey	Sonoma
Butte	Napa	Stanislaus
Calaveras	Nevada	Sutter
Colusa	Placer	Tehama
Contra Costa	Plumas	Trinity
El Dorado	Sacramento	Tulare
Fresno	San Benito	Tuolumne
Glenn	San Bernardino	Yolo
Humboldt	San Francisco	Yuba
Kern	San Joaquin	
Kings	San Luis Obispo	
Lake	San Mateo	
Lassen	Santa Barbara	
Madera	Santa Clara	
Marin	Santa Cruz	
Mariposa	Shasta	
Mendocino	Sierra	

Municipal Corporations

To the City Attorney and the City Clerk of the following municipal corporations:

Alameda	Concord	Healdsburg
Albany	Corcoran	Hercules
Amador City	Corning	Hillsborough
American Canyon	Corte Madera	Hollister
Anderson	Cotati	Hughson
Angels Camp	Cupertino	Huron
Antioch	Daly City	Ione
Arcata	Danville	Isleton
Arroyo Grande	Davis	Jackson
Arvin	Del Rey Oaks	Kerman
Atascadero	Dinuba	King City
Atherton	Dixon	Kingsburg
Atwater	Dos Palos	Lafayette
Auburn	Dublin	Lakeport
Avenal	East Palo Alto	Larkspur
Bakersfield	El Cerrito	Lathrop
Barstow	Elk Grove	Lemoore
Belmont	Emeryville	Lincoln
Belvedere	Escalon	Live Oak
Benicia	Eureka	Livermore
Berkeley	Fairfax	Livingston
Biggs	Fairfield	Lodi
Blue Lake	Ferndale	Lompoc
Brentwood	Firebaugh	Loomis
Brisbane	Folsom	Los Altos
Buellton	Fort Bragg	Los Altos Hills
Burlingame	Fortuna	Los Banos
Calistoga	Foster City	Los Gatos
Campbell	Fowler	Madera
Capitola	Fremont	Manteca
Carmel	Fresno	Maricopa
Ceres	Galt	Marina
Chico	Gilroy	Mariposa
Chowchilla	Gonzales	Martinez
Citrus Heights	Grass Valley	Marysville
Clayton	Greenfield	McFarland
Clearlake	Gridley	Mendota
Cloverdale	Grover Beach	Menlo Park
Clovis	Guadalupe	Merced
Coalinga	Gustine	Mill Valley
Colfax	Half Moon Bay	Millbrae
Colma	Hanford	Milpitas
Colusa	Hayward	Modesto

Monte Sereno
Monterey
Moraga
Morgan Hill
Morro Bay
Mountain View
Napa
Newark
Nevada City
Newman
Novato
Oakdale
Oakland
Oakley
Orange Cove
Orinda
Orland
Oroville
Pacific Grove
Pacifica
Palo Alto
Paradise
Parlier
Paso Robles
Patterson
Petaluma
Piedmont
Pinole
Pismo Beach
Pittsburg
Placerville
Pleasant Hill
Pleasanton
Plymouth
Point Arena
Portola
Portola Valley
Rancho Cordova
Red Bluff
Redding
Redwood City
Reedley
Richmond
Ridgecrest
Rio Dell
Rio Vista
Ripon
Riverbank
Rocklin

Rohnert Park
Roseville
Ross
Sacramento
Saint Helena
Salinas
San Anselmo
San Bruno
San Carlos
San Francisco
San Joaquin
San Jose
San Juan Bautista
San Leandro
San Luis Obispo
San Mateo
San Pablo
San Rafael
San Ramon
Sand City
Sanger
Santa Clara
Santa Cruz
Santa Maria
Santa Rosa
Saratoga
Sausalito
Scotts Valley
Seaside
Sebastopol
Selma
Shafter
Shasta Lake
Soledad
Solvang
Sonoma
Sonora
South San Francisco
Stockton
Suisun City
Sunnyvale
Sutter Creek
Taft
Tehama
Tiburon
Tracy
Trinidad
Turlock
Ukiah

Union City
Vacaville
Vallejo
Victorville
Walnut Creek
Wasco
Waterford
Watsonville
West Sacramento
Wheatland
Williams
Willits
Willows
Windsor
Winters
Woodland
Woodside
Yountville
Yuba City